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**Kamen et al.**(10) **Pub. No.: US 2019/0175822 A1**(43) **Pub. Date: Jun. 13, 2019**(54) **SYSTEMS AND METHODS FOR FLUID DELIVERY**(71) Applicant: **DEKA Products Limited Partnership**,  
Manchester, NH (US)(72) Inventors: **Dean Kamen**, Bedford, NH (US); **John M. Kerwin**, Manchester, NH (US);  
**Larry B. Gray**, Merrimack, NH (US);  
**Marc A. Mandro**, Bow, NH (US);  
**David Blumberg, JR.**, Deerfield, NH (US)(21) Appl. No.: **16/025,591**(22) Filed: **Jul. 2, 2018****Related U.S. Application Data**

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**ABSTRACT**

A system for at least partial closed-loop control of a medical condition is disclosed. The system includes at least one medical fluid pump. The medical fluid pump including a sensor for determining the volume of fluid pumped by the pump. Also, at least one continuous analyte monitor, and a controller. The controller is in communication with the medical fluid pump and the at least one continuous analyte monitor. The controller includes a processor. The processor includes instructions for delivery of medical fluid based at least on data received from the at least one continuous analyte monitor.

